

Practitioner's Docket No. NORTH- 358A /A-2185 **PATENT****COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

- ☒ original.
☐ design.
☐ supplemental.

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT.

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.

- ☐ divisional.
☐ continuation.

NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements — nonprovisional application).

- ☐ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTIONACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE
AND METHOD OF PRODUCTION

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) ☒ is attached hereto.

NOTE: "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☐ was filed on _____, as ☐ Serial No. 0 / _____
or ☐ _____
and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and application number (consisting of the series code and the serial number; e.g., 08/123,456);

"(2) name of inventor(s), serial number and filing date;

"(3) name of inventor(s) and attorney docket number which was on the specification as filed;

"(4) name of inventor(s), title which was on the specification as filed and filing date;

"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

Notice of July 13, 1995 (1177 O.G. 60), M.P.E.P. § 601.01(a), 6th ed., rev. 3.

(c) ☐ was described and claimed in PCT International Application No. _____, filed on _____ and as amended under PCT Article 19 on _____ (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

(complete the following where a supplemental declaration is being submitted)

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
- ☐ amendment filed on _____

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(f). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
- (e) ☐ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

09632047 666660

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

____ / _____
____ / _____
____ / _____

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. 120

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete **ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION** for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

Terry J. Anderson, Esq., Reg. No. 24,271; Karl J. Hoch, Jr., Reg. No. 34,181;
Kit M. Stetina, Reg. No. 29,445; Bruce B. Brunda, Reg. No. 28,497;
Mark B. Garred, Reg. No. 34,823; William J. Brucker, Reg. No. 35,462;
Matthew A. Newboles, Reg. No. 36,224; Thomas C. Naber, Reg. No. 26,777;
Eric L. Tanezaki, Reg. No. 40,196

(check the following item, if applicable)

- ☐ I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- ☐ Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

☒ Address

Terry J. Anderson, Esq.
NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

Terry J. Anderson, Esq.
(213) 600-5823

☐ Customer Number _____

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

Full name of sole or first inventor

Jerry Wynn Brimer
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 28707 Indies Lane, Canyon Country, CA 91351

Post Office Address 28707 Indies Lane, Canyon Country, CA 91351

Full name of second joint inventor, if any

Ernie Robert Silva
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 1917-A Huntington Drive, Duarte, CA 91010

Post Office Address 1917-A Huntington Drive, Duarte, CA 91010

Full name of third joint inventor, if any

William K. Oehlert (deceased)
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 11926 Shotgun Way, Helotes, Texas 78023

Post Office Address 11926 Shotgun Way, Helotes, Texas 78023

(Declaration and Power of Attorney [1-1]—page 6 of 7)

Practitioner's Docket No. NORTH-358A/A-2185ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any

James

GIVEN NAME

A.

MIDDLE INITIAL OR NAME

Kirk

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 1125 Bennett, Long Beach, CA 90804Post Office Address 1125 Bennett, Long Beach, CA 90804

Full name of fifth joint inventor, if any

Benjamin

GIVEN NAME

S.

MIDDLE INITIAL OR NAME

Wong

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 954 Sunnyhill Place, Diamond Bar, CA 91765Post Office Address 954 Sunnyhill Place, Diamond Bar, CA 91765

Full name of sixth joint inventor, if any

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship _____

Residence _____

Post Office Address _____

Practitioner's Docket No. NORTH-358A/A-2185

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNING BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX) OR LEGAL REPRESENTATIVE ON BEHALF OF DECEASED OR INCAPACITATED INVENTOR (37 CFR 1.42 AND 1.43)

I, Paula Oehlert,
(type or print name(s) of administrator(trix), executor(trix), legal representative or all heirs)
hereby declare that I am a citizen of United States,
residing at 11926 Shotgun Way, Helotes, Texas 78023

and that I am executing and signing the declaration to which this is attached as

(check one):

- ☐ the administrator(trix) of
- ☒ executor(trix) of the last will and testament of
- ☐ legal representative (or heirs) of

William K. Oehlert

Full name of (first, second etc.) deceased or incapacitated inventor

United States

Country of citizenship of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Residence of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Post Office Address of deceased or incapacitated inventor

NOTE: The name of the first, second etc. deceased or incapacitated inventor should preferably also be filled in at the appropriate prior space of the declaration adding the words "deceased-completed on added page" or "incapacitated-completed on added page."

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: 12-17-98

Signature of administrator(trix), executor(trix) Paula Oehlert
legal representative (or all heirs)

NOTE: Proof of authority of the administrator(trix), executor(trix) or legal representative must be recorded in the PTO or filed in the application before the grant of the patent. 37 CFR 1.44.

NOTE: Application may be made by the heirs of the inventor if a certificate of the court will establish that they are all the heirs and the estate was not required to appoint an administrator. If the heirs are signing add lines for all the heirs to sign. MPEP § 409.01(a), 6th ed., rev. 3.

(Added Page to Combined Declaration and Power of Attorney for Signing by Administrator(trix), Executor(trix) or Legal Representative on Behalf of Deceased or Incapacitated Inventor (37 CFR 1.42 and 1.43) [1-3])

Practitioner's Docket No. NORTH- 358A /A-2185 **PATENT****COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

- ☒ original.
☐ design.
☐ supplemental.

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT.

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.

- ☐ divisional.
☐ continuation.

NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements — nonprovisional application).

- ☐ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE
AND METHOD OF PRODUCTION

(Declaration and Power of Attorney [1-1]—page 1 of 7)

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) ☒ is attached hereto.

NOTE: "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☐ was filed on _____, as ☐ Serial No. 0 / _____
or ☐ _____
and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and application number (consisting of the series code and the serial number; e.g., 08/123,456);

"(2) name of inventor(s), serial number and filing date;

"(3) name of inventor(s) and attorney docket number which was on the specification as filed;

"(4) name of inventor(s), title which was on the specification as filed and filing date;

"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

Notice of July 13, 1995 (1177 O.G. 60), M.P.E.P. § 601.01(a), 6th ed., rev. 3.

(c) ☐ was described and claimed in PCT International Application No. _____, filed on _____ and as amended under PCT Article 19 on _____ (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))*(complete the following where a supplemental declaration is being submitted)*

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
 - ☐ amendment filed on _____

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: *"The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(f). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(a).*

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
- (e) ☐ such applications have been filed as follows.

NOTE: *Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.*

09636017 000000

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

_____ / _____	_____
_____ / _____	_____
_____ / _____	_____

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. 120**

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete **ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION** for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

Terry J. Anderson, Esq., Reg. No. 24,271; Karl J. Hoch, Jr., Reg. No. 34,181;
Kit M. Stetina, Reg. No. 29,445; Bruce B. Brunda, Reg. No. 28,497;
Mark B. Garred, Reg. No. 34,823; William J. Brucker, Reg. No. 35,462;
Matthew A. Newboles, Reg. No. 36,224; Thomas C. Naber, Reg. No. 26,777;
Eric L. Tanezaki, Reg. No. 40,196

(check the following item, if applicable)

- ☐ I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- ☐ Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

☒ **Address**

Terry J. Anderson, Esq.
NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

Terry J. Anderson, Esq.
(213) 600-5823

☐ **Customer Number** _____

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

Full name of sole or first inventor

Jerry Wynn Brimer
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 28707 Indies Lane, Canyon Country, CA 91351

Post Office Address 28707 Indies Lane, Canyon Country, CA 91351

Full name of second joint inventor, if any

Ernie Robert Silva
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature Ernie Duarte

Date 12/15/99 Country of Citizenship U.S.A.

Residence 1917-A Huntington Drive, Duarte, CA 91010

Post Office Address 1917-A Huntington Drive, Duarte, CA 91010

Full name of third joint inventor, if any

William K. Oehlert (deceased)
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 11926 Shotgun Way, Helotes, Texas 78023

Post Office Address 11926 Shotgun Way, Helotes, Texas 78023

(Declaration and Power of Attorney [1-1]—page 6 of 7)

Practitioner's Docket No. NORTH-358A/A-2185ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any

James

GIVEN NAME

A.

MIDDLE INITIAL OR NAME

Kirk

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 1125 Bennett, Long Beach, CA 90804Post Office Address 1125 Bennett, Long Beach, CA 90804

Full name of fifth joint inventor, if any

Benjamin

GIVEN NAME

S.

MIDDLE INITIAL OR NAME

Wong

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 954 Sunnyhill Place, Diamond Bar, CA 91765Post Office Address 954 Sunnyhill Place, Diamond Bar, CA 91765

Full name of sixth joint inventor, if any

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship _____

Residence _____

Post Office Address _____

Practitioner's Docket No. NORTH-358A/A-2185

ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNING BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX)
OR LEGAL REPRESENTATIVE ON BEHALF OF DECEASED OR
INCAPACITATED INVENTOR (37 CFR 1.42 AND 1.43)

I, Paula Oehlert
(type or print name(s) of administrator(trix), executor(trix), legal representative or all heirs)
hereby declare that I am a citizen of United States
residing at 11926 Shotgun Way, Helotes, Texas 78023

and that I am executing and signing the declaration to which this is attached as

(check one):

- ☐ the administrator(trix) of
☒ executor(trix) of the last will and testament of
☐ legal representative (or heirs) of

William K. Oehlert

Full name of (first, second etc.) deceased or incapacitated inventor

United States

Country of citizenship of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Residence of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Post Office Address of deceased or incapacitated inventor

NOTE: The name of the first, second etc. deceased or incapacitated inventor should preferably also be filled in at the appropriate prior space of the declaration adding the words "deceased-completed on added page" or "incapacitated-completed on added page."

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: _____

Signature of administrator(trix), executor(trix) Paula Oehlert
legal representative (or all heirs)

NOTE: Proof of authority of the administrator(trix), executor(trix) or legal representative must be recorded in the PTO or filed in the application before the grant of the patent. 37 CFR 1.44.

NOTE: Application may be made by the heirs of the inventor if a certificate of the court will establish that they are all the heirs and the estate was not required to appoint an administrator. If the heirs are signing add lines for all the heirs to sign. MPEP § 409.01(a), 6th ed., rev. 3.

(Added Page to Combined Declaration and Power of Attorney for Signing by Administrator(trix), Executor(trix) or Legal Representative on Behalf of Deceased or Incapacitated Inventor (37 CFR 1.42 and 1.43) [1-3])

0963601 000000

Practitioner's Docket No. NORTH- 358A /A-2185 **PATENT****COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

- ☒ original.
☐ design.
☐ supplemental.

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT.

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.

- ☐ divisional.
☐ continuation.

NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements — nonprovisional application).

- ☐ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTIONACID IMPERVIOUS COATED METAL SUBSTRATE SURFACEAND METHOD OF PRODUCTION

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) ☒ is attached hereto.

NOTE: "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed; or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☐ was filed on _____, as ☐ Serial No. 0 / _____ or ☐ _____ and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and application number (consisting of the series code and the serial number; e.g., 08/123,456);

"(2) name of inventor(s), serial number and filing date;

"(3) name of inventor(s) and attorney docket number which was on the specification as filed;

"(4) name of inventor(s), title which was on the specification as filed and filing date;

"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

Notice of July 13, 1995 (1177 O.G. 60), M.P.E.P. § 601.01(a), 6th ed., rev. 3.

(c) ☐ was described and claimed in PCT International Application No. _____, filed on _____ and as amended under PCT Article 19 on _____ (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

(complete the following where a supplemental declaration is being submitted)

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
- ☐ amendment filed on _____

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(f). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
- (e) ☐ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

THE **NEW** **YORK** **PUBLIC** **LIBRARY**

1. *What is the purpose of the study?*
 2. *What are the research questions or hypotheses?*
 3. *What is the study design?*
 4. *What are the participants and sample size?*
 5. *What are the variables and measurement tools?*
 6. *What are the data analysis methods?*
 7. *What are the results and conclusions?*
 8. *What are the limitations and future research directions?*

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

_____ / _____

_____ / _____

_____ / _____

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. 120**

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

Terry J. Anderson, Esq., Reg. No. 24,271; Karl J. Hoch, Jr., Reg. No. 34,181;
Kit M. Stetina, Reg. No. 29,445; Bruce B. Brunda, Reg. No. 28,497;
Mark B. Garred, Reg. No. 34,823; William J. Brucker, Reg. No. 35,462;
Matthew A. Newboles, Reg. No. 36,224; Thomas C. Naber, Reg. No. 26,777;
Eric L. Tanezaki, Reg. No. 40,196

(check the following item, if applicable)

- ☐ I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- ☐ Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

☒ Address

Terry J. Anderson, Esq.
NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

Terry J. Anderson, Esq.
(213) 600-5823

☐ Customer Number _____

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997,

Full name of sole or first inventor

Jerry Wynn Brimer
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature [Signature]
Date 12/15/98 Country of Citizenship U.S.A.
Residence 28707 Indies Lane, Canyon Country, CA 91351
Post Office Address 28707 Indies Lane, Canyon Country, CA 91351

Full name of second joint inventor, if any

Ernie Robert Silva
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature _____
Date _____ Country of Citizenship U.S.A.
Residence 1917-A Huntington Drive, Duarte, CA 91010
Post Office Address 1917-A Huntington Drive, Duarte, CA 91010

Full name of third joint inventor, if any

William K. Oehlert (deceased)
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)
Inventor's signature _____
Date _____ Country of Citizenship U.S.A.
Residence 11926 Shotgun Way, Helotes, Texas 78023
Post Office Address 11926 Shotgun Way, Helotes, Texas 78023

(Declaration and Power of Attorney [1-1]—page 6 of 7)

Practitioner's Docket No. NORTH-358A/A-2185ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any

JamesA.Kirk

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 1125 Bennett, Long Beach, CA 90804Post Office Address 1125 Bennett, Long Beach, CA 90804

Full name of fifth joint inventor, if any

BenjaminS.Wong

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 954 Sunnyhill Place, Diamond Bar, CA 91765Post Office Address 954 Sunnyhill Place, Diamond Bar, CA 91765

Full name of sixth joint inventor, if any

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship _____

Residence _____

Post Office Address _____

Practitioner's Docket No. NORTH-358A/A-2185

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNING BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX)
OR LEGAL REPRESENTATIVE ON BEHALF OF DECEASED OR
INCAPACITATED INVENTOR (37 CFR 1.42 AND 1.43)**

I, Paula Oehlert
(type or print name(s) of administrator(trix), executor(trix), legal representative or all heirs)
hereby declare that I am a citizen of United States
residing at 11926 Shotgun Way, Helotes, Texas 78023

and that I am executing and signing the declaration to which this is attached as

(check one):

- ☐ the administrator(trix) of
☒ executor(trix) of the last will and testament of
☐ legal representative (or heirs) of

William K. Oehlert

Full name of (first, second etc.) deceased or incapacitated inventor

United States

Country of citizenship of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Residence of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Post Office Address of deceased or incapacitated inventor

NOTE: The name of the first, second etc. deceased or incapacitated inventor should preferably also be filled in at the appropriate prior space of the declaration adding the words "deceased-completed on added page" or "incapacitated-completed on added page."

That, upon information and belief, I aver those facts that the inventor is required to state.
Date: _____

Signature of administrator(trix), executor(trix) Paula Oehlert
legal representative (or all heirs)

NOTE: Proof of authority of the administrator(trix), executor(trix) or legal representative must be recorded in the PTO or filed in the application before the grant of the patent. 37 CFR 1.44.

NOTE: Application may be made by the heirs of the inventor if a certificate of the court will establish that they are all the heirs and the estate was not required to appoint an administrator. If the heirs are signing add lines for all the heirs to sign. MPEP § 409.01(a), 6th ed., rev. 3.

(Added Page to Combined Declaration and Power of Attorney for Signing by Administrator(trix), Executor(trix) or Legal Representative on Behalf of Deceased or Incapacitated Inventor (37 CFR 1.42 and 1.43) [1-3])

Practitioner's Docket No. NORTH- 358A /A-2185 **PATENT****COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION, OR C-I-P)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type:

(check one applicable item below)

- ☒ original.
☐ design.
☐ supplemental.

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT.

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR C-I-P.

NOTE: See 37 C.F.R. § 1.63(d) (continued prosecution application) for use of a prior nonprovisional application declaration in the continuation or divisional application being filed on behalf of the same or fewer of the inventors named in the prior application.

- ☐ divisional.
☐ continuation.

NOTE: Where an application discloses and claims subject matter not disclosed in the prior application, or a continuation or divisional application names an inventor not named in the prior application, a continuation-in-part application must be filed under 37 C.F.R. § 1.53(b) (application filing requirements — nonprovisional application).

- ☐ continuation-in-part (C-I-P).

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE
AND METHOD OF PRODUCTION

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) ☒ is attached hereto.

NOTE: "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed;
or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☐ was filed on _____, as ☐ Serial No. 0 / _____
or ☐ _____
and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and application number (consisting of the series code and the serial number; e.g., 08/123,456);

"(2) name of inventor(s), serial number and filing date;

"(3) name of inventor(s) and attorney docket number which was on the specification as filed;

"(4) name of inventor(s), title which was on the specification as filed and filing date;

"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

Notice of July 13, 1995 (1177 O.G. 60), M.P.E.P. § 601.01(a), 6th ed., rev. 3.

(c) ☐ was described and claimed in PCT International Application No. _____, filed on _____ and as amended under PCT Article 19 on _____ (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))*(complete the following where a supplemental declaration is being submitted)*

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
- ☐ amendment filed on _____

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(f). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(e).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
- (e) ☐ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

05636047 060600

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

_____ / _____	_____
_____ / _____	_____
_____ / _____	_____

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. 120

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997.

Full name of sole or first inventor

Jerry Wynn Brimer
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 28707 Indies Lane, Canyon Country, CA 91351

Post Office Address 28707 Indies Lane, Canyon Country, CA 91351

Full name of second joint inventor, if any

Ernie Robert Silva
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 1917-A Huntington Drive, Duarte, CA 91010

Post Office Address 1917-A Huntington Drive, Duarte, CA 91010

Full name of third joint inventor, if any

William K. Oehlert (deceased)
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 11926 Shotgun Way, Helotes, Texas 78023

Post Office Address 11926 Shotgun Way, Helotes, Texas 78023

(Declaration and Power of Attorney [1-1]—page 6 of 7)

Practitioner's Docket No. NORTH-358A/A-2185ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any

James

GIVEN NAME

A.

MIDDLE INITIAL OR NAME

Kirk

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 1125 Bennett, Long Beach, CA 90804Post Office Address 1125 Bennett, Long Beach, CA 90804

Full name of fifth joint inventor, if any

Benjamin

GIVEN NAME

S
MIDDLE INITIAL OR NAMEWong

FAMILY (OR LAST NAME)

Inventor's signature _____

Date 1-25-99 Country of Citizenship U.S.A.Residence 954 Sunnyhill Place, Diamond Bar, CA 91765Post Office Address 954 Sunnyhill Place, Diamond Bar, CA 91765

Full name of sixth joint inventor, if any

GIVEN NAME

MIDDLE INITIAL OR NAME

FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship _____

Residence _____

Post Office Address _____

002000 4 002000

(Declaration and Power of Attorney [1-1]—page 1 of 7)

SPECIFICATION IDENTIFICATION

the specification of which:

(complete (a), (b), or (c))

(a) ☒ is attached hereto.

NOTE: "The following combinations of information supplied in an oath or declaration filed on the application filing date with a specification are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration on filing;

"(2) name of inventor(s), and attorney docket number which was on the specification as filed;
or

"(3) name of inventor(s), and title which was on the specification as filed."

Notice of July 13, 1995 (1177 O.G. 60).

(b) ☐ was filed on _____, as ☐ Serial No. 0 / _____
or ☐ _____
and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO that contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

NOTE: "The following combinations of information supplied in an oath or declaration filed after the filing date are acceptable as minimums for identifying a specification and compliance with any one of the items below will be accepted as complying with the identification requirement of 37 CFR 1.63:

"(1) name of inventor(s), and application number (consisting of the series code and the serial number; e.g., 08/123,456);

"(2) name of inventor(s), serial number and filing date;

"(3) name of inventor(s) and attorney docket number which was on the specification as filed;

"(4) name of inventor(s), title which was on the specification as filed and filing date;

"(5) name of inventor(s), title which was on the specification as filed and reference to an attached specification which is both attached to the oath or declaration at the time of execution and submitted with the oath or declaration; or

"(6) name of inventor(s), title which was on the specification as filed and accompanied by a cover letter accurately identifying the application for which it was intended by either the application number (consisting of the series code and the serial number; e.g., 08/123,456), or serial number and filing date. Absent any statement(s) to the contrary, it will be presumed that the application filed in the PTO is the application which the inventor(s) executed by signing the oath or declaration."

Notice of July 13, 1995 (1177 O.G. 60), M.P.E.P. § 601.01(a), 6th ed., rev. 3.

(c) ☐ was described and claimed in PCT International Application No. _____, filed on _____ and as amended under PCT Article 19 on _____ (if any).

(Declaration and Power of Attorney [1-1]—page 2 of 7)

SUPPLEMENTAL DECLARATION (37 C.F.R. § 1.67(b))

(complete the following where a supplemental declaration is being submitted)

- ☐ I hereby declare that the subject matter of the
- ☐ attached amendment
- ☐ amendment filed on _____

was part of my/our invention and was invented before the filing date of the original application, above-identified, for such invention.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56,

(also check the following items, if desired)

- ☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- ☐ in compliance with this duty, there is attached an information disclosure statement, in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §§ 119(a)-(d))

NOTE: "The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63. The claim for priority and the certified copy of the foreign application specified in 35 U.S.C. 119(b) must be filed in the case of an interference (§ 1.630), when necessary to overcome the date of a reference relied upon by the examiner, when specifically required by the examiner, and in all other situations, before the patent is granted. If the claim for priority or the certified copy of the foreign application is filed after the date the issue fee is paid, it must be accompanied by a petition requesting entry and by the fee set forth in § 1.17(f). If the certified copy is not in the English language, a translation need not be filed except in the case of interference; or when necessary to overcome the date of a reference relied upon by the examiner; or when specifically required by the examiner, in which event an English language translation must be filed together with a statement that the translation of the certified copy is accurate." 37 C.F.R. § 1.55(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §§ 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
- (e) ☐ such applications have been filed as follows.

NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

09632017 000200

**PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

____ / _____
____ / _____
____ / _____

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)
UNDER 35 U.S.C. 120

- ☐ The claim for the benefit of any such applications are set forth in the attached ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN PART (C-I-P) APPLICATION.

(Declaration and Power of Attorney [1-1]—page 4 of 7)

**ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete **ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR C-I-P APPLICATION** for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

(list name and registration number)

Terry J. Anderson, Esq., Reg. No. 24,271; Karl J. Hoch, Jr., Reg. No. 34,181;
Kit M. Stetina, Reg. No. 29,445; Bruce B. Brunda, Reg. No. 28,497;
Mark B. Garred, Reg. No. 34,823; William J. Brucker, Reg. No. 35,462;
Matthew A. Newboles, Reg. No. 36,224; Thomas C. Naber, Reg. No. 26,777;
Eric L. Tanezaki, Reg. No. 40,196

(check the following item, if applicable)

- ☐ I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.
- ☐ Attached, as part of this declaration and power of attorney, is the authorization of the above-named practitioner(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

☒ Address

Terry J. Anderson, Esq.
NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

Terry J. Anderson, Esq.
(213) 600-5823

☐ Customer Number _____

03633047 030200

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

NOTE: Each inventor must be identified by full name, including the family name, and at least one given name without abbreviation together with any other given name or initial, and by his/her residence, post office address and country of citizenship. 37 CFR § 1.63(a)(3).

NOTE: Inventors may execute separate declarations/oaths provided each declaration/oath sets forth all the inventors. Section 1.63(a)(3) requires that a declaration/oath, inter alia, identify each inventor and prohibits the execution of separate declarations/oaths which each sets forth only the name of the executing inventor. 62 Fed. Reg. 53,131, 53,142, October 10, 1997.

Full name of sole or first inventor

Jerry Wynn Brimer
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 28707 Indies Lane, Canyon Country, CA 91351

Post Office Address 28707 Indies Lane, Canyon Country, CA 91351

Full name of second joint inventor, if any

Ernie Robert Silva
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 1917-A Huntington Drive, Duarte, CA 91010

Post Office Address 1917-A Huntington Drive, Duarte, CA 91010

Full name of third joint inventor, if any

William K. Oehlert (deceased)
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 11926 Shotgun Way, Helotes, Texas 78023

Post Office Address 11926 Shotgun Way, Helotes, Texas 78023

(Declaration and Power of Attorney [1-1]—page 6 of 7)

Practitioner's Docket No. NORTH-358A/A-2185

ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any

James A. Kirk
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's signature James C. Kish

Date 1-13-99 Country of Citizenship U.S.A.

Residence 26545 4825 E. 6th Street, Long Beach, CA 90804-1808

Post Office Address 4825 E. 6th Street, Long Beach, CA 90804-1808

Full name of fifth joint inventor, if any

Benjamin S. Wong
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 954 Sunnyhill Place, Diamond Bar, CA 91765

Post Office Address 954 Sunnyhill Place, Diamond Bar, CA 91765

Full name of sixth joint inventor, if any

<u>GIVEN NAME</u>	<u>MIDDLE INITIAL OR NAME</u>	<u>FAMILY (OR LAST NAME)</u>
-------------------	-------------------------------	------------------------------

Inventor's signature _____

Date _____ Country of Citizenship _____

Residence _____

Post Office Address _____

Practitioner's Docket No. NORTH-358A/A-2185

ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNING BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX)
OR LEGAL REPRESENTATIVE ON BEHALF OF DECEASED OR
INCAPACITATED INVENTOR (37 CFR 1.42 AND 1.43)

I, Paula Oehlert
(type or print name(s) of administrator(trix), executor(trix), legal representative or all heirs)
hereby declare that I am a citizen of United States
residing at 11926 Shotgun Way, Helotes, Texas 78023

and that I am executing and signing the declaration to which this is attached as

(check one):

- ☐ the administrator(trix) of
☒ executor(trix) of the last will and testament of
☐ legal representative (or heirs) of

William K. Oehlert

Full name of (first, second etc.) deceased or incapacitated inventor

United States

Country of citizenship of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Residence of deceased or incapacitated inventor

11926 Shotgun Way, Helotes, Texas 78023

Post Office Address of deceased or incapacitated inventor

NOTE: The name of the first, second etc. deceased or incapacitated inventor should preferably also be filled in at the appropriate prior space of the declaration adding the words "deceased-completed on added page" or "incapacitated-completed on added page."

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: _____

Signature of administrator(trix), executor(trix) Paula Oehlert
legal representative (or all heirs)

NOTE: Proof of authority of the administrator(trix), executor(trix) or legal representative must be recorded in the PTO or filed in the application before the grant of the patent. 37 CFR 1.44.

NOTE: Application may be made by the heirs of the inventor if a certificate of the court will establish that they are all the heirs and the estate was not required to appoint an administrator. If the heirs are signing add lines for all the heirs to sign. MPEP § 409.01(a), 6th ed., rev. 3.

(Added Page to Combined Declaration and Power of Attorney for Signing by Administrator(trix), Executor(trix) or Legal Representative on Behalf of Deceased or Incapacitated Inventor (37 CFR 1.42 and 1.43) [1-3])

05632647-030206

(check proper box(es) for any of the following added page(s)
that form a part of this declaration)

- ☒ Signature for fourth and subsequent joint inventors. Number of pages added
1.

. . .

- ☒ Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added 1.

. . .

- ☐ Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added _____

. . .

- ☐ Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time. (37 CFR 1.47)

. . .

- ☐ Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.

☐ Number of pages added _____

. . .

- ☐ Authorization of practitioner(s) to accept and follow instructions from representative.

. . .

(if no further pages form a part of this Declaration,
then end this Declaration with this page and check the following item)

- ☐ This declaration ends with this page.

002020 7 002020

Practitioner's Docket No. NORTH- 358A /A-2185

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
 For: ☒ U.S. Application or
☐ U.S. Provisional Application
 For: ☐ U.S. Patent
 For: ☐ PCT Application
 By: Multiple Inventors

JC542 U.S. PTO

09/632017



ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Jerry Wynn Brimer

(type or print name of inventors)

28707 Indies LaneCanyon Country, CA 91351 USA

Address

Nationality

1917-A Huntington DriveDuarte, CA 91010 USAErnie Robert Silva11926 Shotgun WayHelotes, TX 78023 USAWilliam K. Oehlert (deceased)26545 E. 6th StreetLong Beach, CA 90804-1808 USAJames A. Kirk954 Sunnyhill PlaceDiamond Bar, CA 91765 USABenjamin S. Wong

hereby sells, assigns and transfers to
ASSIGNEE:

NORTHROP GRUMMAN CORPORATION

1840 Century Park East

(type or print name of ASSIGNEE)

Address

a Delaware corporation

Los Angeles, CA 90067-2199

Nationality (or state of
incorporation)

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (____ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE

AND METHOD OF PRODUCTION

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention
☐ Express mail label no.: _____
Mailed: _____
☐ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) ☐ U.S. application no. _____ / _____ filed on _____
(e) ☐ International application no. PCT _____ / _____
filed on _____
(f) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

13th Day of Jan. 1994
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jerry Wynn Brimer

(type name of Inventor)

Signature of INVENTOR

Ernie Robert Silva

William K. Oehlert (deceased)

James A. Kirk

Benjamin S. Wong

James A. Kirk

☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

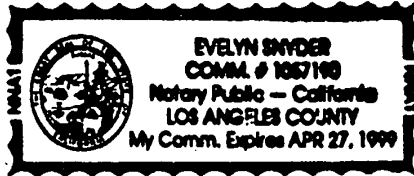
State of CALIFORNIA

County of LOS ANGELES

On JANUARY 13, 1999 before me, EVELYN SNYDER, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JAMES ANDREW KIRK
Name(s) of Signer(s)

- ☐ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his her/their authorized capacity(ies), and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Evelyn Snyder
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
 Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT OF SIGNER
 Top of thumb here

Signer Is Representing: _____

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
 Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

RIGHT THUMBPRINT OF SIGNER
 Top of thumb here

Signer Is Representing: _____

Practitioner's Docket No. NORTH- 358A /A-2185

PATENT

For: ☒ U.S. and/or ☒ Foreign RightsFor: ☒ U.S. Application or☐ U.S. Provisional ApplicationFor: ☐ U.S. PatentFor: ☐ PCT Application

By: Multiple Inventors

JG542 U.S. PTO
09/632017

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Jerry Wynn Brimer

(type or print name of inventors)

28707 Indies LaneCanyon Country, CA 91351 USA

Address Nationality

1917-A Huntington DriveDuarte, CA 91010 USAWilliam K. Oehlert (deceased)11926 Shotgun WayHelotes, TX 78023 USAJames A. Kirk1125 BennettLong Beach, CA 90804 USABenjamin S. Wong954 Sunnyhill PlaceDiamond Bar, CA 91765 USA

hereby sells, assigns, and transfers to
ASSIGNEE:

NORTHROP GRUMMAN CORPORATION
(type or print name of ASSIGNEE)

1840 Century Park East
Address

a Delaware corporation
Nationality (or state of
incorporation)

Los Angeles, CA 90067-2199

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE

AND METHOD OF PRODUCTION

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention
☐ Express mail label no.: _____
Mailed: _____
☐ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) ☐ U.S. application no. _____ / _____ filed on _____
(e) ☐ International application no. PCT _____ / _____
filed on _____
(f) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary, or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this

12/15/99
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jerry Wynn Brimer
(type name of Inventor)

Signature of INVENTOR

Ernie Robert Silva

Ernie Silva

William K. Oehlert (deceased)

James A. Kirk

Benjamin S. Wong

☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

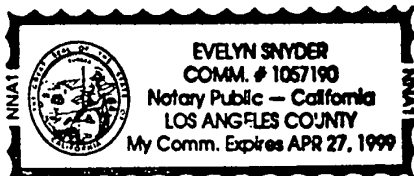
State of CALIFORNIA

County of LOS ANGELES

On DECEMBER 15, 1998 before me, EVELYN SNYDER, Notary Public

personally appeared ERNE ROBERT SILVA

☐ personally known to me OR ☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Evelyn Snyder
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer
Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer
Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Case Nos.: NORTH- 358A /A-2185

FORM PTO-1595 (Rev. 8-93) OMB No. 0651-0011 (exp. 4/94)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Jerry Wynn Brimer Ernie Robert Silva William K. Oehlert (deceased) James A. Kirk and Benjamin S. Wong Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: NORTHROP GRUMMAN CORPORATION Internal Address: Same as Below. Street Address: 1840 Century Park East City: Los Angeles State: CA ZIP: 90067-2199 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		4. Application number(s) or patent number(s): Brimer-12/15/98; Silva-12/15/98; Oehlert (deceased)-12/17/98; Kirk-1/13/99; and Wong-1/25/99. If this document is being filed together with a new application, the execution date of the application is: ** A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: TERRY J. ANDERSON, ESQ. Name: NORTHROP GRUMMAN CORPORATION Internal Address: Same As Below. Street Address: 1840 Century Park East City: Los Angeles State: CA ZIP: 90067-2199		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 (\$40.00 for each item listed) <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account (and any additional fees needed) 8. Deposit account number: 14-1325 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. BRUCE B. BRUNDA Name of Person Signing Signature 2/9/99 Date Total number of pages including cover sheet, attachments, and document: 26					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Case No.: NORTH-358A/A-2185
Patent Appln.
Cert. of Mlg.:

JC542 U.S. PTO
09/632017
08/02/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jerry Wynn Brimer)	
	et al.)	
Serial No.:	Unknown)	AFFIDAVIT OF
)	PAULA OEHLERT
Filed:	Herewith)	
For:	ACID IMPERVIOUS COATED)	
	METAL SUBSTRATE SURFACE)	
	AND METHOD OF PRODUCTION)	

AFFIDAVIT OF PAULA OEHLERT

PAULA OEHLERT, being first duly sworn on oath, deposes and says:

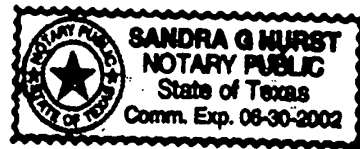
1. I am the wife of William K. Oehlert.
2. William K. Oehlert is deceased.
3. I am the Executrix of the estate of William K. Oehlert and duly authorized to sign papers on his behalf.

FURTHER Affiant sayeth not.

Paula Oehlert
PAULA OEHLERT

Subscribed and sworn to before me
this 17 day of December,
1998.

Sandra G. Hurst
Notary Public, State of Texas



My commission expires: 8/30/2002

Practitioner's Docket No. NORTH-358A/A-2185

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
 For: ☒ U.S. Application or
 ☐ U.S. Provisional Application
 For: ☐ U.S. Patent
 For: ☐ PCT Application
 By: ☐ Administrator(trix) ☒ Executor(trix)
 ☐ Legal Representative(s)



**ASSIGNMENT OF INVENTION
 BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX)
 OR LEGAL REPRESENTATIVE(S)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

By administrator(trix), executor(trix)
 or legal representative of inventor
 or person who owns the invention

Paula Oehlert

(type or print name(s) of administrator(trix),
 executor(trix) or legal representative(s))

William K. Oehlert

Inventor or person on whose behalf above person(s) are signing

11926 Shotgun Way, Helotes, Texas 78023

Address(es) of person(s) signing

U.S. Citizen

Nationality(ies) of person(s) signing

(if assignment is on behalf of person to whom invention was previously assigned
 and this was recorded in PTO, add the following)

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:Northrop Grumman Corp

(type or print name of Assignee(s))

1840 Century Park E

Address

Los Angeles, Calif. 90067Delaware

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention—Administrator(trix), Executor(trix) or Legal Representative(s) [16-3.1]—page 1 of 3)

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____%) interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled: ACID IMPERVIOUS
COATED METAL SUBSTRATE SURFACE AND METHOD OF PRODUCTION

Name of inventor(s) Jerry Wynn Brimer, Ernie Robert Silva,
William K. Oehlert (deceased), James A. Kirk, and Benjamin S. Wong

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention
☐ Express mail label no.: _____
Mailed: _____
☐ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) ☐ U.S. application no. _____ / _____ filed on _____
(e) ☐ International application no. PCT/_____ / _____ filed on _____
(f) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is(are) also being assigned)

- (g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention—Administrator(trix), Executor(trix) or Legal Representative(s) [16-3.1]—page 2 of 3)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

PROOF OF AUTHORITY to act on behalf of the deceased/incapacitated inventor is submitted herewith.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 17 day of December 1998
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

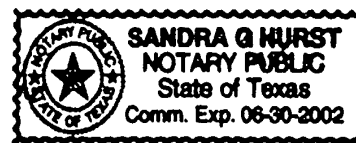
Date: 12/17/98

Paula Oehlert
(Signature of administrator(trix), executor(trix), or
legal representative(s)) PAULA OEHLERT

Date: 12/17/98

Date: 12/17/98

Sandra G. Hurst



NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(Assignment of Invention—Administrator(trix), Executor(trix) or Legal Representative(s) [18-3.1]—page 3 of 3)

Attorney's Docket No. NORTH-358A/A-2185

PATENT

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only prima facie evidence of execution. 35 USC 261.

Details of Country U.S.A.
and place of signing of assignment NORWEST BANK TRUST BRANCH
6100 BANDERA RD
SAT 78238

Before me this 17 day of December 1998, personally appeared the above named individual(s), to me known to be the person(s) who ☒ is ☐ are described in, and who executed the foregoing assignment instrument and acknowledged to me that

☐ he

☐ his

☒ she

executed the same of

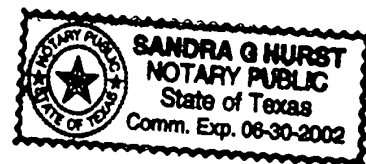
☒ her

☐ they

☐ their

own free will for the purpose therein expressed.

Sandra G Hurst
Notary Public or Consular Officer of the
United States of America



Case No.: NORTH-358A/A-2185
Patent Appln.
Cert. of Mlg.:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jerry Wynn Brimer)	
	et al.)	
Serial No.:	Unknown)	AFFIDAVIT OF
)	PAULA OEHLERT
Filed:	Herewith)	
For:	ACID IMPERVIOUS COATED)	
	METAL SUBSTRATE SURFACE)	
	AND METHOD OF PRODUCTION)	

AFFIDAVIT OF PAULA OEHLERT

PAULA OEHLERT, being first duly sworn on oath, deposes and says:

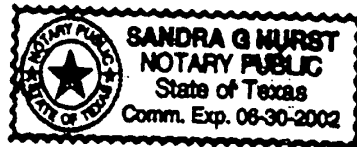
1. I am the wife of William K. Oehlert.
2. William K. Oehlert is deceased.
3. I am the Executrix of the estate of William K. Oehlert and duly authorized to sign papers on his behalf.

FURTHER Affiant sayeth not.

Paula Oehlert
PAULA OEHLERT

Subscribed and sworn to before me
this 17 day of December,
1998.

Sandra G. Hurst
Notary Public, State of Texas



My commission expires: 6/30/2002

Practitioner's Docket No. NORTH- 358A /A-2185**PATENT**For: ☒ U.S. and/or ☒ Foreign RightsFor: ☒ U.S. Application or☐ U.S. Provisional ApplicationFor: ☐ U.S. PatentFor: ☐ PCT Application

By: Multiple Inventors

JC542 U.S. PTO
09/632017**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):Jerry Wynn Brimer*(type or print name of inventors)*28707 Indies LaneCanyon Country, CA 91351 USA

Address

Nationality

1917-A Huntington DriveDuarte, CA 91010 USAErnie Robert Silva11926 Shotgun WayHelotes, TX 78023 USAWilliam K. Oehlert (deceased)1125 BennettLong Beach, CA 90804 USAJames A. Kirk954 Sunnyhill PlaceDiamond Bar, CA 91765 USABenjamin S. Wong

hereby sells, assigns and transfers to

ASSIGNEE:

NORTHROP GRUMMAN CORPORATION

(type or print name of ASSIGNEE)

a Delaware corporation

Nationality (or state of
incorporation)

1840 Century Park East

Address

Los Angeles, CA 90067-2199

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- ☒ and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE

AND METHOD OF PRODUCTION

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled
invention

☐ Express mail label no.: _____

Mailed: _____

- ☐ To comply with 37 C.F.R. § 3.21 for recordal of
this assignment, I, an ASSIGNOR signing below,
hereby authorize and request my attorney to
insert below the filing date and application num-
ber when they become known.

(d) ☐ U.S. application no. _____ / _____ filed on _____

(e) ☐ International application no. PCT _____ / _____ / _____
filed on _____

(f) ☐ U.S. patent no. _____ issued _____

- ☐ A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim
priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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IN WITNESS WHEREOF, We have hereunto set hand and seal this 12/15/98
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jerry Wynn Brimer
(type name of Inventor)


Signature of INVENTOR

Ernie Robert Silva

William K. Oehlert (deceased)

James A. Kirk

Benjamin S. Wong

☒ Notarization or Legalization Page Added.

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of CALIFORNIA

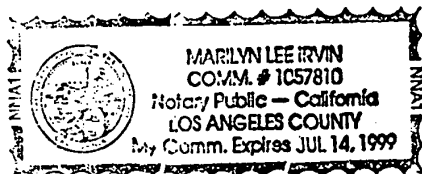
County of LOS ANGELES

On December 15, 1998 before me, Marilyn Lee Irvin, Notary Public

personally appeared Jerry Wayne Brumer

- ☐ personally known to me
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Marilyn Lee Irvin
 Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: 12/15/98 Number of Pages: 3

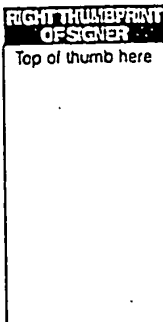
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☒ Individual
☐ Corporate Officer
 Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

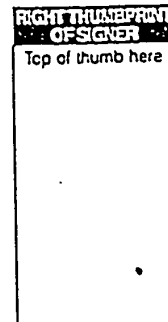
Signer Is Representing: _____



Signer's Name: _____

- ☐ Individual
☐ Corporate Officer
 Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____



Practitioner's Docket No. NORTH- 358A /A-2185

PATENT

For: ☒ U.S. and/or ☒ Foreign RightsFor: ☒ U.S. Application or☐ U.S. Provisional ApplicationFor: ☐ U.S. PatentFor: ☐ PCT Application

By: Multiple Inventors

JC542 U.S. PTO

09/632017



ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Jerry Wynn Brimer

(type or print name of inventors)

28707 Indies Lane

Canyon Country, CA 91351 USA

Address

Nationality

1917-A Huntington Drive

Duarte, CA 91010 USA

Ernie Robert Silva

11926 Shotgun Way

Helotes, TX 78023 USA

William K. Oehlert (deceased)

1125 Bennett

Long Beach, CA 90804 USA

James A. Kirk

954 Sunnyhill Place

Diamond Bar, CA 91765 USA

Benjamin S. Wong

hereby sells, assigns and transfers to
ASSIGNEE:

NORTHROP GRUMMAN CORPORATION

1840 Century Park East

(type or print name of ASSIGNEE)

Address

a Delaware corporation

Los Angeles, CA 90067-2199

Nationality (or state of
incorporation)

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest

for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE

AND METHOD OF PRODUCTION

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
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(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention
☐ Express mail label no.: _____
Mailed: _____
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(d) ☐ U.S. application no. _____ / _____ filed on _____
(e) ☐ International application no. PCT _____ / _____ / _____
filed on _____
(f) ☐ U.S. patent no. _____ issued _____
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(check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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IN WITNESS WHEREOF, We have hereunto set hand and seal this _____

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jerry Wynn Brimer
(type name of Inventor)

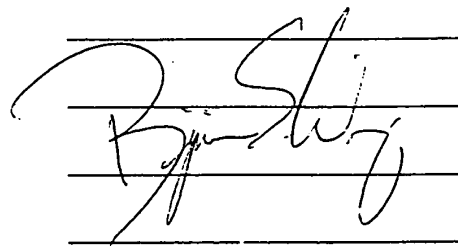
Signature of INVENTOR

Ernie Robert Silva

William K. Oehlert (deceased)

James A. Kirk

Benjamin S. Wong



☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 U.S.C. § 261. Use next page if notarization is desired.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

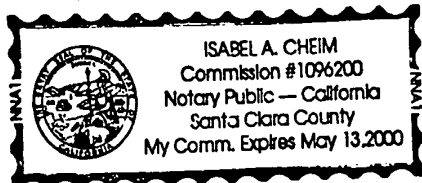
State of CALIFORNIA

County of SANTA CLARA

On January 25, 1999 before me, Isabel A. Cheim, Notary Public

personally appeared Benjamin S. Wong

☐ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Isabel A. Cheim
 Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: 1-25-99 Number of Pages:

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer(s)

Signer's Name:

- ☐ Individual
- ☐ Corporate Officer
- Title(s):
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other:

RIGHT THUMBPRINT OF SIGNER
 Top of thumb here

Signer Is Representing:

Signer's Name:

- ☐ Individual
- ☐ Corporate Officer
- Title(s):
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney-in-Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other:

RIGHT THUMBPRINT OF SIGNER
 Top of thumb here

Signer Is Representing:

Practitioner's Docket No. NORTH-358A /A- 2185**PATENT**Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 C.F.R. § 3.31)**IDENTIFICATION OF APPLICATION**
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))1. The ☒ patent application ☐ provisional patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:

a. Type of application

- ☐ Application of patent (37 C.F.R. § 1.53(b))
- ☐ Continued prosecution (nonprovisional) application (37 C.F.R. § 1.53(d))
- ☐ Provisional application (37 C.F.R. § 1.53(c))
- ☐ International application (37 C.F.R. § 1.431)

b. Date of execution: Brimer-12/15/98; Silva-12/15/98; Oehlert (deceased)-12/17/98; Kirk-1/13/99; Wong-1/25/99

NOTE: Leave this blank if assignment is for a provisional application.

c. Name of each inventor:

- 1: Jerry Wynn Brimer 4. James A. Kirk
- 2: Ernie Robert Silva 5. Benjamin S. Wong
- 3: William K. Oehlert (deceased)

d. Title of invention: ACID IMPERVIOUS COATED METAL SUBSTRATE SURFACE AND METHOD OF PRODUCTION**CERTIFICATION UNDER 37 C.F.R. § 1.10***

(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this "Cover Sheet For Assignment (Document) Accompanying New Patent Application," along with any document referred to, is being deposited with the United States Postal Service on this date February 9, 1999, in an envelope as "Express Mail Post Office to Addressee," Mailing Label Number E1283207099US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Carol Lucas

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

NOTE: 37 C.F.R. § 1.53 states: "If an assignment of a patent application made under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended."

NAME OF PARTY(IES) CONVEYING INTEREST (37 C.F.R. § 3.31(a)(1))

2. The party(ies) conveying this interest is (are):

Name 1: Jerry Wynn Brimer

Name 2: Ernie Robert Silva

Name 3: William K. Oehlert (deceased)

4. James A. Kirk

5. Benjamin S. Wong

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 C.F.R. § 3.31(a)(2))

3. The rights are being conveyed to:

Name: NORTHROP GRUMMAN CORPORATION

Address: 1840 Century Park East
Los Angeles CA 90067-2199

Telephone No.: (323) 600-5823

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 C.F.R. § 3.31(a)(3))**

4. The accompanying document intends to accomplish:

☒ an assignment.

☐ a security agreement.

☐ a license.

☐ a merger.

☐ a change of name.

☐ a change of address.

☐ other.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 C.F.R. § 3.31(a)(5))**

5. Please address correspondence to:

Name: TERRY J. ANDERSON, ESQ.

Address: NORTHROP GRUMMAN CORPORATION

1840 Century Park East

Los Angeles, CA 90067-2199

Telephone No.: (323) 600-5823

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 2 of 4)

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. § 3.31(a)(7))

6. The attached assignment (document) was executed on Brimer-12/15/98; Silva-12/15/98; Oehlert (deceased)-12/17/98
Date
Kirk-1/13/99; Wong-1/25/99;

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation." 37 C.F.R. § 3.26.

7. The attached document:

- ☒ is in the English language.
☐ is not in the English language. An English translation signed by the individual making the translation and statement as to its accuracy is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 C.F.R. § 3.24.

8. Submitted herewith is:

- ☒ the original document.
☐ a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET AND THE FEE

NOTE: "All requests to record documents must be accompanied by the appropriate fee. Except as provided in paragraph (b) of this section, a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). . . ." 37 C.F.R. § 3.41.

9. A. This cover sheet identifies only one application:

B. The fee for recordal (37 C.F.R. § 1.21(h)) is \$40.00.

- ☐ Attached is a check for \$40.00.
☒ Please charge Account 14-1325 \$40.00.

A duplicate of this cover sheet is attached.

STATEMENT (37 C.F.R. § 3.31(a))
AND SIGNATURE (37 C.F.R. § 3.31(a)(10))

10. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: _____

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

Reg. No. 28,497

Date: 2/9/99

Bruce B. Brunda
Signature of Practitioner

Tel. No. (949) 855-1246

BRUCE B. BRUNDA

(type or print name of practitioner)

STETINA BRUNDA GARRED & BRUCKER

Customer No. --

24221 Calle de la Louisa, 4th Flr.

P.O. Address

Laguna Hills, CA 92653-7602

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

Total number of pages submitted

NOTE: PLEASE DIRECT ALL CORRESPONDENCE AND PHONE CALLS TO:

TERRY J. ANDERSON, ESQ. (REG. NO. 24,271)
NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

PHONE: (323) 600-5823

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 4 of 4)